

### Solubility Chart of Some Common Compounds at 25C and 1 atm

	Bromide $\text{Br}^-$	Carbonate $\text{CO}_3^{-2}$	Chloride $\text{Cl}^-$	Hydroxide $\text{OH}^-$	Nitrate $\text{NO}_3^-$	Oxide $\text{O}^{-2}$	Phosphate $\text{PO}_4^{-3}$	Sulfate $\text{SO}_4^{-2}$
Aluminum $\text{Al}^{+3}$	S	X	S	I	S	I	I	S
Ammonium $\text{NH}_4^+$	S	S	S	S	S	X	S	S
Calcium $\text{Ca}^{+2}$	S	I	S	S	S	sS	I	sS
Copper (II) $\text{Cu}^{+2}$	S	X	S	I	S	I	I	S
Iron (II) $\text{Fe}^{+2}$	S	I	S	I	S	I	I	S
Iron (III) $\text{Fe}^{+3}$	S	X	S	I	S	I	I	sS
Magnesium $\text{Mg}^{+2}$	S	I	S	I	S	I	I	S
Potassium $\text{K}^+$	S	S	S	S	S	S	S	S
Silver $\text{Ag}^+$	I	I	I	X	S	I	I	sS
Sodium $\text{Na}^+$	S	S	S	S	S	S	S	S
Zinc $\text{Zn}^{+2}$	S	I	S	I	S	I	I	S

Key:

S = soluble	I = insoluble
sS = slightly soluble	X = other